

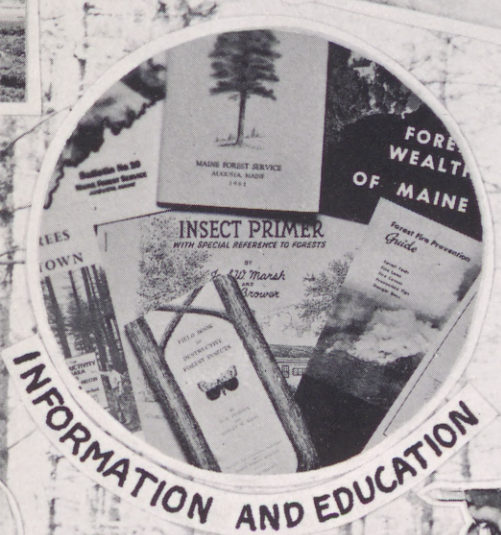
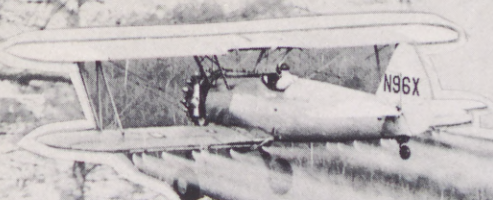


FOREST PROTECTORS

Fall AUGUSTA, MAINE *1970*



NURSERY



INFORMATION AND EDUCATION

ENTOMOLOGY



PUBLIC LOTS



FIRE CONTROL



MANAGEMENT



AG 10 '70

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COMMISSIONER'S COMMENTS

As your recently reappointed Forest Commissioner I should like to share with you some thoughts as we look ahead for the next several years.

We are in a period of rapid change, decision making, reorganization planning, environmental protection, technological advances, and continuation of austerity of funds. All of these will, in one way or another, affect the Forestry Department in the days ahead.

Already we are being considered in a reorganization study of state government involving the natural resource agencies. The study currently underway will be prepared for consideration by the 105th Maine Legislature.

Our biennial budget for 1972-73 has been submitted to the Budget Office and the process of review has started. An opportunity will be given us to discuss with the Budget Office people and the Governor their recommendations. Under the present austerity program, additional funds for expansion and new services are going to be difficult to obtain. I see no serious problem in maintaining funds requested for current services. Under a new concept of programming, planning and budgeting services, we have to justify our budget based upon programs. This means justification of input of dollars for end results of our Department activities.

Besides state government reorganization and budget there will be other legislation introduced affecting our Department. We plan to submit several bills in the nature of amendments to strengthen some of our existing forestry laws.

One piece of legislation surely to be introduced will be a proposed pay increase plan. This has the support of several groups. If we are to remain competitive and hold our present personnel, some kind of wage increase appears as a necessity.

Within our own Department we are continuing the study of management review. A declaration of policy has already been completed and copies distributed. Currently we are looking at a proposed reorganization chart. Further studies will involve job load analysis and other phases of improving the efficiency of the Department.

The resurvey of Maine timber resources is on schedule with all the field work to be completed by December of this year and the final report by July 1, 1971.

As the field season comes to a close we have been most fortunate with no serious forest fires although on occasion ground conditions in certain areas became very dry. Our aerial spray operation for the budworm was completed and results will be made known sometime this fall. Service Foresters continued their good work of cooperation with small woodland owners.

These are some thoughts I had in mind for this Protectors issue. I want to commend all Department people who continue to give their best effort and time.



Austin H. Wilkins

AUSTIN H. WILKINS
Forest Commissioner

"Sebec - planted tublings of Norway spruce using several different tools, three different areas. Measured 6x6' spacing and used boundary marking paint in circle around each tree. Taped plots for location and sampled vegetation, aspect, soil etc. Detailed info. on file. Tublings will be planted each month thru October."

Ronald Locke, Service Forester
Sebec - July 11, 1970

"Sign on that essential little building in the back of camp reads:

Notice

Today you may not go and set
Because the paint is very wet
Please read this sign, don't scoff my friend
or you may have a brilliant end!"

Harry Wiggins, Watchman
Heart of Maine District, Chick Hill
August 15, 1970

"Started patrolling at 6:00 A.M. and found a wrecked car down an embankment with its lights still on. There were two men in it and after awhile I got them up (they were asleep). They were unhurt. I radioed 250 and he telephoned the State Police. Thursday - went to court at Farmington on a disorderly conduct and littering case. There was a hearing and the litter case was dismissed. The party was found guilty of disorderly conduct. His lawyer appealed it to the October term of Superior Court. I was always told littering was an easy case to win. I guess this is one for the books."

Thomas LeMont, Ranger
Dead River District, Eustis
May 16, 1970

"Radio message from Medford - Lightning struck Dedham Bald Tower - damage 3 panes of glass, 1 telephone and 1 scared watchman."

Jim Elliott, Ranger
Augusta Office
May 13, 1970

"Lisbon Falls, Emerson Mitchell (ACP). Unloaded the tractor and Mrs. Mitchell ran over and informed me that they did not want the trees to be planted. We picked up our toys and went home."

Clifton Foster, Service Forester
Gray - May 29, 1970

"Worked on the storehouse doors. Got them so they would shut fairly well. A good swift kick will shut them completely and as long as my foot holds out I will continue to shut them. Thought I had a fire in Durham. Upon checking it out it turned out to be dust in a potato field."

Edward Jones, Ranger
Saco Valley District, Gray
September 6, 1970

"Weather bad, worked at Squaw Brook with 200 and 202 all morning. Weather cleared after lunch so flew with Beaver to Canada Falls and picked up 220 and his crew. Flew them over District and back to Canada Falls. On his way out of Beaver, 221 decided he would take a swim as the first step he took put him in Canada Falls Deadwater and by the way he scrambled out it was cold."

George Johnson, Pilot
Western Division, Greenville
May 19, 1970

"Attended meeting with Lana at Masonic Lodge. Keep Maine Green meeting. It turned out to be a surprise retirement party for me. It sure was a surprise!! Some of my friends were there that are not connected with Forestry. I want to thank all of the ones that made it possible. Retiring from the Forestry Department does not mean that my working days are over. My heart is in the Forestry Department and whenever I can be of help, I will be glad to do so. Many thanks for the lovely gifts."

Oscar Gagnon, District Ranger
Moosehead District, Greenville
April 28, 1970

"Ashville - Bayard Schieffelin (MFS). Examined with Mr. S. area thinned last year on point. Popple stumps had not been treated and as a result he has a waist high sea of sprouts everywhere. Discussed various control possibilities. The one which most appealed to him, since he is opposed to chemicals, is mowing on the day of the night of the August full moon. However, he does plan to plant 2 acres of trees in gravel pit on main road and will have site prepared and done this fall."

Ed O'Connell, Service Forester
Ellsworth - September 4, 1970

"Maurice Benson (MFS). He couldn't find the plantation he wants to thin and prune. When he does find it he will let me know. He is one of these guys that owns land scattered over several counties, probably has forgotten where half of it is. He gets \$55 for his spruce at PHC. He has men working for him by the thousand making \$250 a week. One of his men is in jail. He gets out days to work and only gets \$100 a week though. You have to punish him somehow!"

Richard Morse, Service Forester
Hebron - August 14, 1970

"Wherever you travel now you see evidence of the winter travel by snow machine. Remains of fires everywhere along the road. Much littering with a lot of this on our campsites and permit sites. The area at Rainbow Lake is a mess. Cans and waste floating in the water and scattered around the area. The campsite at South Inlet got much of this during the winter months, barrels are full and running over onto the ground. The campsites at Chesuncook have all had this winter use. Some of it was probably from hunters in the fall. It takes considerable time and effort to clean up after these people. I would say that they are not getting the supervision that they need. They should be checked on frequently.

Vaughn Thornton, District Ranger
Moosehead District, Greenville
May 17, 1970

"Vacation time - Sunday. Was to have my daughter christened. She was very good and slept through the whole thing. Afterwards the Reverend said this was alright as a lot of his sermons do this to people."

Allan Gould, Ranger
Eastern Division, Old Town
May 16, 1970

"VanSickler (MFS). Went to see a dynamite blasting for woodland drainage. We were late as the test had been tried with little or no results. The soil was surprisingly too dry to transmit enough concussion to set off the series of charges. LaCasce and owner then contracted a bulldozer to do the work. Soil must be saturated with water for this to work properly. Cost \$2.00 a foot - wow!!"

Ronald Locke, Service Forester
Dover-Foxcroft - September 5, 1970

"Coming home Saturday I saw a man throw a can of beer out of his car. I gave him a summons to court and he gave me such a hard time I had to arrest him for disorderly conduct. State Police Officer Harold Fisher stopped and asked the same man to court for illegal transportation of liquor."

Ed. Note: Business sounds brisk in the Eustis area.

Thomas LeMont, Ranger
Dead River District, Eustis
April 25, 1970

"No local crews have as yet picked up trees for planting. They were scheduled to start yesterday. Called both Hodges and Corson. Neither are able to plant this year. Hodges because of equipment failure and expenses and Corson, who will be using the SCD planter, because his tractor is not equipped with a three-point hitch and his trucker went fishing. At this late date this is a problem. Phoned and got Hodges man to work with Boynton's rig. About this time Bill Adams arrived to help solve this dilemma. Worked out a possible solution. Got the SCD man in charge of rentals to get another crew for this planter. Corson is fed up and won't plant, but might be hired with Hogate on Boynton's rig. A real confusing mess. Phoned and waited for results and answers. Worked on training meeting problems and set up with Bill."

Jack Dirkman, Service Forester
Skowhegan - May 22, 1970

"Things are getting very dry and a little hot over on Long Pond. The boys did a great job of stopping the fire in all that slash, but that's what they are trained and paid to do. What I admired most was the unpaid work of the Rangers wives in relaying messages, preparing lunches for the men and seeing that they had fresh water to drink. Mrs. Scammon sent in lunches for over twenty-five men today and still did a better job on the radio than the tower men. The ladies are always the unsung heroes of any battle."

Edward Lambert, Watchman
Moosehead District, Spencer Mountain
July 25, 1970

FIRE CONTROL COMMENTS

ORGANIZED TOWNS. Topping the list of recent events in Organized Towns was the retirement of Ken Hinkley after many years of dedicated service both to the Organized Towns and the Maine Forestry District. Ken's quiet and efficient manner will be sorely missed in our organization.

Dave Livingstone and Don Cox have successfully completed half their program at the New Brunswick Ranger School in Fredericton and are returning to school this fall. Best of luck to them in their studies.

Don Norris has recovered from his throat operation and should be back with us shortly.

Carlton Merrill was taken ill recently and is presently at the Portland Osteopathic Hospital. Everyone wishes Carlton a speedy recovery.

The fire season this summer has not been a bad one in spite of relatively dangerous conditions. The incidence was down and all fires that occurred were kept small. This surely reflects the fine job being done by our Rangers in both fire prevention and suppression. Many thanks, men, for a job well done.

Littering is becoming more of a problem in all areas. Several of our watchmen have noticed a significant increase in littering at their towers and along the trails. Litter bags are being provided in an effort to encourage everyone to pack out their refuse to an authorized dump or barrel.

Along the same line, Districts 1 and 2 participated heavily in the July "Save-Our-Saco" cleanup day along the Saco River. Reports indicate this was a success and we all hope that it will serve as a reminder to everyone to Keep Maine Clean.

This summer has provided an opportunity to use some of our newer fire suppression equipment. Both the Bombardier J-5's and the fireline plows have been used on going fires. Under varying conditions and situations (mountains versus swamps, initial attack as well as mop-up) these pieces of equipment are proving their worth. The experience gained in using this equipment coupled with additional training in equipment operations should be a real help in improving our effectiveness in the use of modern fire suppression equipment.

Our annual Ranger training session at Albany will be held from September 28th to October 2nd.

A. Temple Bowen, Division Ranger

A. Temple Bowen, formerly the Department's Campsite Coordinator, was appointed Division Ranger, Organized Towns on August 20, 1970. He has been with the Department since 1965 and had previously worked with the U.S. Forest Service in Oregon and Saunders Bros. Inc. of Westbrook. Temp received his Forestry B.S. and Masters Degrees from the U of M during 1957 and 1962 respectively.

* * * * *

One of the best ways to lose a friend is to tell him something for his own good.

No one ever finds life worth living. One always has to make it worth living.

* * * * *

NOTES FROM THE EASTERN DIVISION. Along came spring and with it the troops came back to work. Spring training was held the last week in March with a full crew.

The fire equipment came out also, pumps were tested, pick-ups were loaded and everyone was ready, hopefully, for the fire season.

Our fire season started early this year with two incendiary fires in Trescott in January and one in Deblois. Then our normal fire season started in April, on the 16th, with a railroad fire in Marion.

The crew at the hangar has the helicopter running and are using it some. They are also building 4 new floats to tie the planes to.

We don't think there is any need to say that we've had a dry summer, but we have been fairly fortunate to have had not too many fires (42).

New personnel includes Bruce Downs at Togue Pond, Dorn Leeman at Long A and Francis Reynolds at Eagle Lake.

We hope everyone has a good winter.

Willard Wight, Division Ranger

NOTES FROM THE ST. CROIX DISTRICT.

FIRE IN THE BACKYARD
(July 26, 1970)

Heavy lightning storms about 4:00 P.M. occurred over most of the District. Expected to have fires from the storms and most of the Rangers were at the storehouse ready to go and making last minute checks on all the equipment. Visability was limited to about one mile in heavy haze. About 7:00 P.M. Bonnie came over to the storehouse and claimed that she could smell wood smoke from the living room in the house. The wind was from the southwest so we looked from the yard in that direction and could see a dark smoke rolling up through the haze. It turned out to be a lightning strike burning about 1/2 acre in new softwood slash. The fire was under control about 11:30 P.M.

Ed. Note: Sounds something like calling the cows home!!

"ESTABLISHMENT" - WHAT'S THAT
(August 21, 1970)

Oscar Ward was patrolling 3rd Machias Lake area in the P.M. He came across a party camping along the shore in a heavy slash area. Oscar stopped to see if they were using a lunch fire and suggested that they move to the nearest campsite. At first nobody was around and then he noticed a young woman swimming. Not wanting to be anti-social the young woman came walking from the water to meet Oscar wearing only a pair of panties - no top. When asked how he handled the situation he said, "What could I do, I got out of there real fast."

Ed. Note: Which shore did you say that was, Oscar?

WESTERN DIVISION CHIT-CHAT. The season got under way with only a few changes in personnel. Our new people this year are as follows:

Rangers Tom Cail and Frank Lavigne in Seboomook District
Rangers Ralph Clyne and Watchwoman Virginia Heustis in the Rangeley District
and Charles Howe III in the Dead River District.
Lewis Prescott was promoted from Watchman to Unit Ranger and is assigned to the Seboomook District.

We held a three day training session to begin our season. Fire organization and fire prevention being the main themes. Our monthly training sessions got under way in May. All Rangers received the defensive driving course. The June session was a refresher in first aid. At our July session Unit Rangers were given specific assignments in some phase of fire behavior or fire organization to present to the group. We believe they learn and retain more by preparing their material for presentation. Each Ranger did an excellent job.

There seems to be more and more people visiting this Division every year and they are using all modes of travel. District Ranger Parsons reported that for the first time since he has been prowling the woods he came across a couple on horseback. This was in the Rocky Pond area in the Parlin Pond District.

It is getting quite difficult to determine the sex of your caller as Unit Ranger Ronnie Kronholm's little son found out to Ronnie's embarrassment. As Ron was standing on his porch talking to a certain long haired male, little Boyd kept greeting the caller with, "Hello lady, hello lady."

To date we have had 35 fires. With the fire danger running so high the boys have done an excellent job in keeping the acreage down.

We have had the opportunity to try our new skidder tank and found it meets all expectations.

Our fee campsites have been paying off real well this year. The two in the Moosehead District have already made enough to pay the Campsite Rangers salary for the summer.

Law enforcement work is progressing well. At the present time we have had over 60 court cases. Spark arresters and fire permit violations are the main offenses.

The dry spell broke on August 20th thanks to Monty Glovinsky and friends. The weather bureau had been trying to work up some rain for us without results. So up comes Monty to have a look-see. Monty disappeared Wednesday afternoon for an hour or so and when he did show up he had this "really in the know" look on his face and declared, looking up at the sky, "We'll have rain in the morning." Well we did have rain in the morning and Monty was all smiles. He received many congratulations on his ability to forecase so accurately. We didn't have the heart to tell Monty that we had found out about the "rain dance" that he had talked the local Indians into. The relief didn't last long for on Friday we were back into class 4 weather. Monty, you left too soon. What was that Indians's name?

This fall we are losing two more of our valued fire eaters. Ellery Markey is taking his retirement in November after 20 years of service. Ellery was the former District Ranger of the Parlin Pond District but decided to give it up for a Unit Rangers position in the Moosehead District after he suffered a heart attack. Roy Foster reaches the compulsory age of 70 in the winter. Roy worked as a patrolman

Western Division Chit-Chat(Continued)

in the Seboomook District and then watchman on Green Mountain. Roy has 17 years service. How can you really tell these two devoted men how much they will be missed and how hard it will be to replace not only their experience but also their good nature? Well done boys and thanks.

Earl Williams, Division Ranger

REPORT FROM THE NORTHERN DIVISION. The Northern Division started the fire season with a full complement of men for the second consecutive season which must be some sort of a record.

Spring schools were held at Portage in a two day session followed by a one day meeting at Ashland with the landowner group. We thought we had a pretty fair program to offer, but most of the complements went to the feeding crew.

After getting off to a great start with a low fire occurrence, things sort of went to pot in late July with many lightning hits following the dry weather. Then the reoccurrence of an incendiary problem in the Allagash District following several years of relative quiet in that area really upset the whole Division as the fires were deep burning so that patrol and mop-up periods were lengthy. We certainly appreciated the men and equipment sent in from the other Divisions to help out.

Edgar Farley, for many years a Watchman in the Division, passed away August 21st after suffering a stroke on the 16th. Edgar was a woodsman of the old school and an excellent Watchman.

Uncle Sam also dipped into our ranks this summer. Brian Carlton got his draft call in July and Arnold Pelletier was called for reserve duty in August. We understand Brian is getting some training in de-fusing explosives. This sounds like good training for future Allagash District work.

In an earlier report we mentioned the proposed use of one of our own planes for patrol work. We have it operating and are very pleased with the results so far. Having an extra plane to use for other work has been a help. The only drawback has been the fact that we lost one Ranger, who was acting as pilot.

Robert Pendleton, Division Ranger

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AMBITION: Ambition is not a rare gift which some have and others do not. It comes to you as the result of prompting your imagination to consider what might be. It sparks the healthy-minded man to seek opportunities to exercise his capacities.

An effort is needed toward the "more" that life has to offer. Eating, drinking, sleeping, playing -- these are mere accessories to living. In these respects we are not different from the brutes.

Having a purpose gives meaning to what human beings do. You cannot play football effectively unless you know where the loal line is. You cannot play the human game without right aspirations, leading you toward durable accomplishments. It was said by William James, the philosopher: "The great use of a life is to spend it for something that will outlast it."

* * * * *

"BIG BROTHER IS WATCHING"

The Eastern Fire Control Division is an area where incendiary forest fires have been a problem for many years and to pinpoint it a little more, the Town of Trescott is the most notorious area in this respect. Prior to 1950 it was not uncommon for ten to fifteen incendiary fires to occur yearly in the Trescott area, sometimes four or five in a single day. Meadow burning had been a favorite pastime in the area and it kept the flame eating rangers rather busy at times.

During the past few years fire prevention activities by the Maine Forest Service have been stepped up in the Trescott area and during the last five years the number of incendiary fires has dropped to approximately three per year.

Recently, some people in the Trescott area have built some rather expensive houses and, realizing the incendiary problem, wrote the Governor regarding their concern. As a result a special effort during the spring of 1970 was made to apprehend would be fire bugs. Surveillance work was carried out on class 3 and higher fire danger days using the helicopter, Beaver and eight rangers. This crew zeroed in on the Trescott area for a total of six days. As a result three set fires were found and two of them resulted in court cases and resulting fines of \$15.00 and \$25.00.

The Trescott incendiary fire problem was also attacked from another angle. All state law enforcement agencies met in Machias during the spring and included State Police, Sea and Shore Fisheries, Fish and Game, State Fire Inspectors, County Sheriffs, and Forestry Department. It was agreed at the meeting that everyone would put an extra effort toward curbing the fire problem in the Trescott area, which the group felt was caused by other than town people.

As a result of the splendid cooperative effort the incendiary problem in a small eastern Maine town has been reduced and with continued effort during 1971, the would be catalysts of incendiary fires in the Trescott area will know that "Big Brother is Watching."

* * * * *

Ed. Note: Bob Pendleton, Northern Division Ranger, called the other day and wants to thank everyone for the kindnesses extended to him during his recent stay in the hospital.

* * * * *

TO: ALL
MFS
NIMRODS



REMEMBER
YOUR BELTS
ARE STATE
PROPERTY!

"We'd better shoot something soon -- these belts are the last things left!"

U. S. FOREST SERVICE FOREST FIRE ALERT - 1970

The State of Washington was in the process of burning up during August and at one time there were over 90,000 acres aflame, the largest fire being 40,000 acres.

As a result of the emergency, the Maine Forestry Department was asked on August 28-29 to provide three-ten man crews with crew bosses and one liaison man for work on the Washington fires. The Department was to provide transportation (U.S. Forest Service would reimburse for costs) to Bradley Field in Connecticut and the U.S. Forest Service would handle it from there. A probable personnel absence of ten days was assumed and each man would take personal gear and extra clothing only. It was planned by the Department to give each Maine Forest Service employee involved the alternative of taking annual leave and retain his earnings or stay on MFS payroll and endorse U.S. Forest Service earnings over to the State Treasurer. The Department wished to give MFS personnel fire control experience, both for its value to the employee and the Department. All costs would have been paid by U.S. Forest Service including \$3.00 per hour for crew members, \$3.25 for crew bosses, and \$8.00 for liaison man. Certain landowners, foresters, town wardens, and students just going off Department payroll were approached for this emergency project.

The 34 man contingent was lined up and held at their stations on an "alert" basis. In the meantime it was found that accomplishing objectives on the weekend can be frustrating. Regular airlines had no available aircraft, Hawthorne College (N.H.) had a DC-3 (26 passenger) and a Convair (45 passenger) but the pilot was away until Monday and "might" be back at 9:30 A.M. The Air National Guard requires clearance from Washington D.C. before civilians can be flown in their aircraft and their C-54 would not be available until Wednesday, September 2nd anyways.

B&A Bus Lines had a bus available after 2:30 P.M. Saturday, August 29th. Bar Harbor Airways had the "best bet" based on intermixing with their regular schedule and this would have involved three aircraft, including ten, nine, and six place planes.

The crew was ready to go. On Tuesday, September 1st it was learned the western situation had worsened and Montana and Idaho had 150 unmanned fires. A total of 185 U.S. Forest Service men from the eastern region were on the fires and also 1,000 fire fighters from the southeastern U.S. It was planned to send 150 men from the mid-Atlantic area. The next area of call was to be Maine and adjacent states.

As it turned out, Milton Stocking, Executive Secretary of the Northeastern Forest Fire Commission called Commissioner Wilkins on Wednesday, September 2nd and stated the "alert" had been lifted.

The "alert" was a worthwhile experience, as it brought to surface some of the problems involved in an emergency situation. Air transportation to Bradley Field proved to be the greatest difficulty, and interpretation of the "alert" as to whether it was a "go" or "no go" situation proved to be a problem. The experience would have been good for the personnel involved in the "alert" but we are happy everything is once again under control in the fair State of Washington.

* * * * *

Recession is when the man next door loses his job; Depression is when you lose your job; Panic is when your wife loses her job.

* * * * *

ENTOMOLOGY EXCERPTS

The major project of the season was that of the regular spruce budworm assessment surveys associated with the control project and the aerial spraying control project itself. Spraying involved 210,000 acres centered in the Oxbow area during the period May 29-June 16 using the chemical Accothion at 2 ounces actual Accothion in 19 ounces of solution per acre. Operations were based at Presque Isle Airport. Larval mortality in the sprayed area ranged from 85-90% with good foliage and tree protection. Egg mass surveys, however, show high populations still existent. High egg populations also showed up in nearby areas outside of the spray area. Of even more concern were the findings of high egg numbers east of Squa Pan Lake and of heavy larval feeding and high egg numbers in the general area from Cross Lake to Madawaska Lake.

Assistance on the spray project was given by other Divisions - Russ Cram and all the radio technicians; by Buster Tingley, Tom York, Norbert Dubey, Bud Clark and others in setting up the mixing and loading equipment; by Wendell Rafford and Mrs. Reginald Tucker in radioing in weather conditions half-hourly; by Jim Elliott as radio dispatcher; by Manley Bragdon (District 6), Bruce Downs (Katahdin), Don Hicks and Dick Luce (Dead River), Al Gibson (Allagash), Gilley Michaud (Upper St. John), and Harold Worcester (St. Croix) in mixing and delivering insecticide into spray planes; and by John Walker and John Hinkley in mapping.

Ranger School was held in Augusta the week of May 4th. A secondary meeting was held in Augusta July 29th.

The Governor and Council appropriated \$3,000. last spring to survey for black fly species and their larval breeding places in the Jackman area. This was accomplished by employing Michael McNally, A University of Maine student for the summer to work under the advice and guidance of Dr. Ivan McDaniel of the University of Maine starting in late May.

Doug Stark now supervises Blister Rust functions in the State following the retirement of Marty Calderara.

In June David Martin of Orono was employed for the summer to police and investigate activities of unlicensed arborists. Arborist Examining Board funds supported this activity.

The Commissioner in late June appointed John Chadwick and Dr. Clark Granger to the positions of Entomologist III or assistants to the State Entomologist in administering Divisional activities.

Don Ouellette of our staff and Irene Bernard of the general office were married Saturday, August 29 at a very pretty wedding in Augusta. Sara Walsh was one of the bridesmaids.

Saddled Prominent moth caterpillars stripped some 12,000 acres of beech, sugar maple, yellow and white birch, and oak in local areas in New Hampshire border towns from Bethel - Parsonsfield.

Robley W. Nash, State Entomologist

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If the offspring from one pair of houseflies all survived and reproduced normally for six months, there would be 191,000,000,000,000,000,000 flies, enough to cover the earth to a depth of 47 feet, says the National Geographic.

* * * * *

MOTH CAUSES WINTERTIME IN THE SUMMERTIME

It would be hard to believe these photos were taken during August, 1970. It looks like a cold November day, but the temperature was in the 80's. Some insects can be voracious eaters but the 1st prize has to go to the moth, Saddled Prominent (*Heterocampa guttivitta*).

A large infestation of Saddled Prominent is presently located in the Ossipee, New Hampshire area and is said to cover over 200,000 acres. The insect is also to be found in southwestern Maine (Bridgton-Fryeburg area) and is spreading northeastward.

Outbreaks of this insect have occurred in New England in 1907-09, 1917-20, 1930-31, and 1940-41. The favored species attacked include beech and maple. The insects, however, devour most hardwoods in heavily populated areas.

The insect emerges in late spring as an adult moth and it deposits up to 500 eggs on hardwood leaves. After hatching, the first larvae instars feed on the epidermis of the leaves, but later instars devour all but the principal veins. The larvae become full grown in about five weeks. Maximum defoliation takes place in Maine during August. The larvae pupate during late August and overwinter in leaf-mold. There is only one generation per year in the northeastern states.

The moth of the Saddled Prominent is brownish gray with a wing expanse of 1 1/2 to 2 inches. The full grown larvae is about 1 1/2 inches long, yellowish green with a bluish cast, the head being large with a broad reddish lateral band. The body is smooth with a purplish saddle shaped patch on the back.

During 1971 in Maine the insect should be quite abundant in southwestern areas. Excrement of the insect in infested areas can be abundant, so anyone having open wells or springs under hardwoods should be urged to cover them.



MANAGEMENT MOTIFS

John Bulger, a Junior at the University of Maine School of Forestry, finished his summer employment with the Forest Management Division on September 14th. John, a graduate of the New York State Ranger School in New York, is continuing his education to get his Bachelor's Degree in Forestry.

Attending the New England Section Summer meeting of the Society of American Foresters were Bill Adams, Dick Arsenault, Cliff Foster, Dick Morse and Floyd Farrington. This was held in Randolph, Vermont. While it was a good meeting, Floyd lost his pet woodchuck that he had raised since last spring and who had become practically a member of the family. As its favorite food was high priced cashew nuts, possibly his leaving home will be helpful to a foresters salary problems.

Ed. Note: That woodchuck didn't know a good thing.

Aerial spraying under Title IV, to release desirable softwood production from over topping inferior quality hardwoods and to prepare the site for natural re-seeding, took place in two parts of Maine under two separate contracts. Floyd Farrington and Cliff Foster sprayed 320 acres with work done by Wiggins Airways of Norwood, Mass. and Fred Rooney sprayed 352 acres with the work done by Al Averill of Houlton. This was the smallest program we have had in several years under this program.

The Forest Management Division scholarship, which is now in its fourth year, has been changed somewhat from what it started out as. In the past it has been given to a college student majoring in forestry, but as of this year, full tuition scholarships were given to three teachers enrolled in the teacher conservation workshop course at Bryant Pond. The scholarships are financed by the Service Foresters.



Christmas Tree Specialist Bob Umberger explains fine points of growing Christmas trees to Service Foresters at their 20th Annual Summer Training Meeting in Somerset County June 15-19, 1970.

REPORT FROM THE STORK CLUB: Dick and Dianne Morse are the proud parents of a baby boy born April 18, 1970. He weighed in at 9 1/5 lbs.

Joe Lupsha and Hollis McLaughlin spent three days on the White Mountain National Forest working with and observing techniques used by the U.S. Forest Service Utilization Research team on selecting, grading, and diagramming white birch trees for use in developing log and lumber grades on white birch.

Joe and Hollis have also been assisting the State of New Hampshire in a Head Sawyer Sawmill course being given at the New England Lumber Co. at Madison, New Hampshire. The course includes 800 hours of instruction in log grading, scaling, grade yield, sawmill operation and maintenance, sawing instruction and production experience. Recruitment for the course is being carried out in northern New England and the courses (two of them) will begin October 26, 1970 and January 11, 1971.

Service Forester Ron Locke and Shade Tree Specialist John Chadwick attended the symposium on "Trees and Forests in an Urbanizing Environment" at the University of Massachusetts. A summary of the highlights of the meeting appeared in the Maine Sunday Telegram September 27th. As Ron sees it, "Man continually adjusts to a degrading environment."

Ed. Note: Did they say at which point we turn the corner boys? And is the hill beyond the corner uphill or downhill?

Michael Smith from Monmouth, Maine has just recently started working with the Service Foresters of Aroostook. Michael attended the 2 year forestry program at Unity College, Unity, Maine. Previous to college he had some very practical experience in the harvesting and marketing of forest products from woodland owned by his own family in Monmouth. Mike has also worked for Great Northern Paper Company marking trees for harvest cuttings.

Robert Locke attended an RC&D meeting held for personnel from Maine, New Hampshire and Vermont. The meeting was held in the North Country RC&D New Hampshire project area. It is hopeful that some of the ideas presented by the personnel in that area might be adapted to the St. John-Aroostook area. Last spring John Damon, New Hampshire area RC&D agent, and Arthur Dodge, forester, spent several days in Aroostook for the same purpose.

Joel Marsh of the Augusta office and Service Forester Fred Rooney of Houlton will be attending The National Tree Farm meeting to be held in Nova Scotia September 21-25.

The Utilization Foresters report that the 1969 hardwood cut other than pulpwood was 197 million board feet; a 5% increase over 1968. The softwood cut other than pulpwood was 511 million board feet; a 14% increase over 1968. The pulpwood cut was 2,668,000 cords; a 4.6% decrease from 1968. Maine mill production of hardwoods (other than pulpwood) was 151 million board feet or 6% higher than 1968, while Maine mill production of softwoods (other than pulpwood) was 298 million board feet or 21% higher than 1968. Pulp chip production from Maine mill slabs, edgings, and trim was 240,995 cords equivalent; a 14.7% increase over 1968. Copies of the full report are available by contacting the Augusta office.

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That which is used develops. That which is not used wastes away.

Hippocrates.

NEW FACES MAKING FORESTER'S TRACKS

There are more forester's tracks in the Maine woods these days as the Management Division staff has been bolstered by seven new men, who joined the Department ranks during 1970.

INTRODUCING

MFS MOST WANTED LIST



RICHARD ARBOUR

JOHN BULGER

LEO LEISE III

ROBERT LESO



CARL SJOGREN

ROBERT SMITH

DAVID STARBIRD

1. Richard Arbour, Service Forester in training, from Dover, N.H. B.S. Forestry University of New Hampshire 1970. Single.
2. John Bulger, Service Forester in training, from New York. Graduated from N.Y. Ranger School. Military service. Will receive B.S. Forestry U of M in 1971. Married.
3. Leo Leise III, Service Forester in training, from New Jersey. B.S. Forestry Rutgers University 1969. Single.
4. Robert Leso, Service Forester in training, from Casco, Me. B.S. Forestry U of M 1964. Two years military service. Three years Peace Corps in Peru. Single.
5. Carl Sjogren, Asst. Service Forester, from Brooks, Me. Headquarters Skowhegan. Assoc. Forestry Degree, Unity College 1970. Married.
6. Robert Smith, Assistant Service Forester, from Winthrop, Me. Headquarters Caribou. Assoc. Forestry Degree, Unity College 1970. Single
7. David Starbird, Asst. Service Forester, from South Paris, Me. Headquarters Gray. Assoc. Forestry Degree, Unity College 1970. Married.

NOTE: THEY LOOK LIKE HAPPY CONVICTS!

SUCCINCT SPECIALS

FOREST COMMISSIONER REAPPOINTED TO POST

Our Forest Commissioner Austin H. Wilkins was reappointed to an unprecedented fourth year term in office on September 2, 1970. Shown below congratulating the Commissioner following the swearing in ceremony is Executive Council Chairman Kenneth Robinson of Gardiner. Also shown, Robert Porteous, member Executive Council, Portland and Governor Kenneth M. Curtis.



"BIRTH OF A TREE PROJECT"

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A unique undertaking last spring resulted in every 5th grader (30,000) in Maine receiving a white pine seed and an artificial soil block to plant it in to watch it grow. The project was carried out in conjunction with Arbor Day and handled through the I&E Division with excellent assistance from the Nursery. Kits, consisting of 36 soil blocks, seeds, instructions on how and why trees grow, and "Forest Trees of Maine", were sent to 5th grade classes and it can be said we hit the jackpot on the success of the program. Over 100 letters have been received from teachers and school children hoping the Forestry Department will continue the program next year. We plan to. The photo shows Joel Marsh, "Mr. Birth of a Tree", placing a pine seed in one of the soil blocks.



KEN HINKLEY RETIRES FROM DEPARTMENT

Ken Hinkley, Division Ranger, Organized Towns, retired from state service on June 30, 1970. Ken had been Organized Towns Division Ranger since 1959.

Ken began his MFS career in 1937 as patrolman and in 1946 was elevated to the position of Chief Warden. He had also worked for the Civilian Conservation Corps as Camp Superintendent and was also a Land Agent for the Pingree Heirs on a part time basis from 1937-58. Ken was very active in the Northeastern Forest Fire Compact, which consists of the New England States, New York, Quebec and New Brunswick.

A retirement supper party was given to Ken and his wife Alice on June 30th at the Bolton Hill Storehouse. Approximately 150 friends and forestry personnel from throughout Maine attended the party, including Compact members from throughout New England. Ken received several gifts, including a TV set, a cash gift, a book of farewell letters, and a River Driver plaque. The Bolton Hill classroom was jammed full for the testimonial.

Ken will always be remembered for his tales of the Maine Northwoods and we all wish him the very best in his retirement endeavors.



Ken Hinkley receiving River Driver Plaque from Commissioner Wilkins.

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The Accounting Division has three new personnel. Sybil Huard has taken over Kay Larkin's position, Shirley Harvey has replaced Betty Johnson, who has retired and Pat Pelletier is filling in for Betty Herrick, who is on sick leave. Welcome to the office girls.

* * * * *

July 7, 1970

Retirement is a once in a lifetime event. It is something that I never thought much about until the last few months and even then I did not think of it in terms of such a retirement party as you fellow employees gave to me on June 30, 1970.

I truly appreciate all of the thoughts and hard work that went into the party and especially that so many people from other Forestry Departments in the Northeast were invited and were able to attend. The testimonials were very nice even though they were indeed hard to believe.

I appreciate the numerous gifts - the portable TV, the generous money purse and especially the River Driver Plaque. Thanks for everything one and all. After all the many years that I worked for the Maine Forestry Department I am sure that I will miss the work and especially all of the men and women that I worked with through the years.

Ken Hinkley

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WHAT DO PEOPLE THINK ABOUT
RURAL AMERICANS?

Below are some results of a survey among adult
Americans conducted for the National Rural Electric
Cooperative Associations by International Research

Associates, Inc. (Percentages not included were those persons who saw "no
difference" or held "no opinion.")

"Thinking about the people who live in the big cities and in the rural areas--
which do you feel would be more likely:

	<u>BIG CITY</u>	<u>RURAL</u>
"To be warm and friendly to other people	7%	81%
"To be in good health	8%	75%
"To be very honest in their business dealings	6%	65%
"To be the most hard-working	15%	56%
"To get real fun out of life	29%	53%
"To work actively in community affairs	27%	52%
"To be concerned about the problems and needs of people outside their own communities	30%	42%
"To be open-minded about other people's opinions	35%	36%
"To be well-informed on what is going on in the world	54%	19%
"To have a lot of tension and pressure in their daily lives"	83%	5%

From September 1969 Resource Developments Highlights, Department of Agricultural
and Resource Economics, University of Maine, Orono, Maine.

NURSERY

1970 has brought moments of sadness and moments of gladness. On June 27, 1970 the Forest Nursery was saddened by the passing of Mr. Gerald Round. "Jerry", as we will always remember him, was one of the pioneers of the Greenbush Nursery. His role here was bookkeeper. His fellow workers will long remember the undying fight that he put up to do his work for many years, facing the fact that his illness was incurable.

On the brighter side, the Forest Nursery entertained the Maine Nurserymen's Association's summer meeting on August 1, 1970. It consisted of a morning meeting at the Greenbush Grammar School and at which lunch was served by the P.T.A. ladies. The afternoon program was a tour of our Forest Nursery. The attendance was around 30.

On August 11, 12, and 13th the Maine Forest Nursery was honored by being the host for the Northeastern Area Nurserymen's Conference. Nurserymen representing state nurseries came to the conference with the idea of listening to many learned speakers on the subject of seedling production and of many problems and to swap ideas with their fellow nurserymen. The indoor part of the meeting was held at the new Forest Resources Building at the University of Maine, Orono, Maine. The outdoor portion consisted of a tour of our State Nursery, a nearby 10 year old plantation of red pine and Norway spruce, and a visit to the Old Town Canoe Co. The group was housed at Cumberland Hall and fed at East Commons, University of Maine campus. Between 70 and 80 people attended from 20 states, Canada, Puerto Rico and the Virgin Islands. The word is that we hosted the best meeting since the Conference started.

Ruel Foster, Nursery Supervisor

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"MARTY" CALDERARA RETIRES



Martin G. Calderara, U.S. Forest Service Blister Rust Control District Leader from Auburn, Maine, retired recently after more than 36 years of service. "Marty" was the last U.S. Forest Service District Leader, who handled the liaison between the U.S. Forest Service and MFS. Now, federal cooperation will come from the Amherst, Massachusetts U.S. Forest Service office. "Marty" will always be remembered for his excellent and faithful cooperation to the MFS and the Blister Rust Program.

Marty was honored recently at the Kennebec County SCD Field Day held at the Leavitt Dairy in Turner. He was presented several gifts, including a

"certificate of appreciation" and cash gift by Maine Forestry Department personnel. Shown in photo are left to right, Bob Nash, State Entomologist, making presentation, John Chansler, U.S. Forest Service, Amherst, Mass. and Marty Calderara.

BOLTON HILL STOREHOUSE DEDICATED



On June 30, 1970 the Bolton Hill Storehouse was officially dedicated. The program, which included a chicken barbeque, was attended by over 100 individuals, including Governor Curtis, Legislators, Department personnel and other State dignitaries. Commissioner Wilkins and Governor Curtis proved to be in rare form as the ribbon cutting ceremony was a very energetic cookie cutting display from a by-gone era.



KAY LARKIN OF AUGUSTA OFFICE RETIRES

Katherine (Kay) Larkin, Account Clerk II, retired from the Forestry Department after 26 years of service. Kay, who has always been known for being the "spice" of the Augusta office, handled the Department bills and anybody who didn't make out their expense account or bills right had good reason to shake in their boots.

Kay was given a retirement supper party on September 18th at Bolton Hill, which was attended by a large group of friends and fellow workers. Several testimonials were given to her by Commissioner Wilkins, Fred Holt, Bob Nash, Bill Cross, Bob Dinneen and others. Probably no one knows that Bob Dinneen and Kay have identical thumb cuts. Both, being of Irish descent, figure they are blood relatives from way back.

Kay received several gifts including a purse of money, pin, book on the Allagash, certificate, colored print of Katahdin, and others.

Kay will always be known for her unselfish dedication to duty, precision of accomplished work, and her remarkable mind for recalling old bills, names of vendors, and dates.

There comes a day when everyone retires, and probably the poem by Harry Wiggins, Watchman, Chick Hill, is appropriate to usher Kay into a new life. The poem, mounted in a frame, was presented to Kay at her party. Shown below is Fred Holt making the presentation.

Keep looking ahead
And we're sure you will find,
Your road will be happy,
Your friends the right kind.

Let all of your plans
And the dreams that are glad
Render a future, that
Kings only had.
If all of our wishes for you
will come true
No woman on earth will be as
lucky as you.



DON AND IRENE TIE KNOT

The Augusta office was the scene of a surprise party August 20th for Department Biologist Don Ouellette and secretary Irene Bernard who have decided that two can live as cheaply as one. The Ouellette's were given a floor lamp and coffee table as presents. Their marriage on August 29th in Augusta was a first for the Department, which is getting to be known as a match maker. Seen any poached oysters lately, Don?



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The following letter was sent to Smokey Bear:

DEAR SMOKEY,

AROUND OUR NEIGHBORHOOD THERE WERE LOTS OF FIRES IN OUR WOODS (LITTLE ONES). ONE DAY THERE WAS A BIG FIRE. THE FIREMEN HAD TO USE THE HOSE TO PUT IT OUT SO MANY KIDS HELPED PUT IT OUT. I HELPED HALFWAY AND HAD TO GO HOME TO EAT. AFTER I ATE I WENT BACK TO HELP THE FIREMEN WHO WERE PUTTING OUT THE FIRE AND I HELPED WITH 4 OTHER KIDS BRING THE HOSE DOWN. WE ALSO HELPED FOLD THEM AND I RUINED MY KOOLOTS BUT IT WAS WORTH IT. WOULD YOU PLEASE SEND ME A RANGERS KIT.

YOUR FRIEND,

JANICE WILLIAMS
PORTLAND, MAINE

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FORESTRY DEPARTMENT "EXHIBIT ENGINEER" JOHN WALKER IS SHOWN PUTTING THE FINISHING TOUCHES ON THE 1970 EASTERN STATES EXPOSITION FORESTRY EXHIBIT.

THE BIRTHDAY CAKE REPRESENTS 150 YEARS OF PROGRESS IN FOREST CONSERVATION AND IS QUITE TIMELY AS 1970 IS MAINE'S SESQUICENTENNIAL YEAR, OR 150 YEARS OF STATEHOOD. THE CAKE INGREDIENTS ARE REPRESENTED BY "SMOKEY BEAR CAKE MIXES" AND INCLUDE FOREST FIRE CONTROL, FOREST PEST CONTROL, AND FOREST MANAGEMENT. THESE THREE INGREDIENTS HAVE BROUGHT ABOUT THE 150 YEARS OF PROGRESS IN FOREST CONSERVATION. HENCE, MAINE HAS A "CAKE" AT NEW ENGLAND'S LARGEST FAIR.

